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|      | Ш |   |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/821,498      | FUCHS ET AL. |
| Examiner        | Art Unit     |
| Helen F. Pratt  | 1761         |

|       | I        |               |            |          |          |                                |          |          |       | Helen F. I | Pratt       |                |            |               |          | 176      |               | -       |           |                |
|-------|----------|---------------|------------|----------|----------|--------------------------------|----------|----------|-------|------------|-------------|----------------|------------|---------------|----------|----------|---------------|---------|-----------|----------------|
|       |          | 4             | Rejected - |          |          | (Through numeral)<br>Cancelled |          |          |       |            | N           | Non-Electe     |            | ted           |          | А        | ,             | Appeal  |           |                |
|       |          | = Allowed     |            | ÷ Re     |          |                                | stricte  | stricted |       |            | ice         |                |            |               | 0        | OI       | Objected      |         |           |                |
| Clai  |          | L             |            | Date     |          | Ţ                              | Ch       |          |       | D:         | te          |                |            | a             | am       | r-       | _             | Date    |           |                |
| E L   | Original | 1/14/04       |            | Ш        | Ш        | Ш                              | -        | 2        | Ш     |            | $  \cdot  $ |                |            | 7             | 100      | ш        | ш             |         | Ш         | Ш              |
| Ē     | ő        | 5             |            | il       |          | П                              | Final    | Original | Ш     | Ш          |             |                |            | Final         | Original |          |               |         | Ш         | Н              |
| _     | 1        | V             | -          | $\pm$    |          | Ħ                              | _        | 51       |       | $^{+}$     | Ħ           | +              | Н          | $\vdash$      | 101      | Н        | +             | +       | +         | Н              |
| +     | 3        | Н             |            | ш.       | 1        | Н                              |          | 52       | П     | $\Box$     |             | $\Box$         |            | $\equiv$      | 102      |          | ш             |         |           |                |
| +     | 4        | Н             | +          | +        | +-+      | Н                              | $\vdash$ | 53<br>54 | ₩     | -          | +           | -1-4           | ш          | _             | 103      | $\vdash$ | $\rightarrow$ | -       | ₩         | ш              |
| +     | 5        | ш             | -          | ++       | ++       | +                              | $\vdash$ | 55       | 1     | ++-        | +           | +              | Н          | $\vdash$      | 104      | $\vdash$ |               | +       | -         | -              |
| $\pm$ | 6        | ш             |            |          |          | Н                              |          | 56       |       | +          | +           | +              | -          | $\vdash$      | 106      | Н        | +             | +       | +         | Н              |
| 1     | 7        | Ш             |            |          |          | $\Box$                         | anar-r   | 57       |       |            |             | _              | П          | $\overline{}$ | 107      | П        | ~ -           | +       | $\vdash$  | $^{+}$         |
| 4     | 8        | Ш             | $+$ $\pm$  | -        |          | П                              |          | 58       |       | П          | Ţ.          | $\blacksquare$ |            |               | 108      |          |               | #       |           |                |
| +     | 9        | Н             | -1-1       | +        | +        | н                              | $\vdash$ | 59<br>60 | +     | ++         | H           | +1             | 4          | _             | 109      | П        | +1            | -1-     | 11        | П              |
|       | 11       | н             |            | +        | -        | н                              | $\vdash$ | 61       |       | ++         | +           | +              | -          | _             | 110      | Н        | +             | +       | Н-        | Н              |
|       | 12       | н             |            | +        | +        | н                              | $\vdash$ | 62       | 1     | ++         | +           | +              | -          | -             | 112      | Н        | +             | +       | -         | $\vdash$       |
|       | 13       |               |            |          |          | ш                              |          | 63       |       | #          |             | $\neg$         | ~~         |               | 113      | Н        | -             | +       | +         | 1              |
|       | 14       | I             |            | ш        |          | $\Box$                         |          | 64       |       | ш          | $\Box$      |                |            |               | 114      |          |               |         |           |                |
|       | 15<br>16 | Н             | +          | ш.       | -        | н                              | $\vdash$ | 65       |       | $\perp$    | $\perp$     | $\perp$        | _          |               | 115      |          |               | $\perp$ |           |                |
|       | 17       | Н             | -+-        | -        | ₩        | н                              | $\vdash$ | 66       | -     | ++         | -           | $\rightarrow$  | _          |               | 116      | Н        | +             | +       | 4         | $\perp$        |
|       | 18       | Н             |            | ++       | -        | Н                              | $\vdash$ | 68       | +     | ++         | +-+         | +              | ┥.         | _             | 117      | -        | +             | +       | -         | н              |
| 1     | 19       | t             |            | f-t-     | -        | Н                              |          | 69       | ++    | ++-        | +           | +              |            | -             | 119      | Н        | +             | -       | -         | +              |
| 1     | 20       | П             | 1          |          |          |                                |          | 70       | П     |            |             | 77             | -11        |               | 120      |          | $\neg$        | $^{+}$  | +         | +              |
|       | 21       | Ш             | - 1        | ш        |          | $\Box$                         |          | 71       | ш     | П.         |             |                | _          |               | 121      |          |               |         | $\Box$    |                |
|       | 22       |               | +          | ш.       | Н-       | Н                              | $\vdash$ | 72       | ш     | $\perp$    |             | $\perp$        | _          |               | 122      |          | ш             | Т       |           |                |
| +     | 23       | Н             |            | Н-       | -        | н                              | $\vdash$ | 73       | Н-    | 1          | $\perp$     | -1-1           | _          |               | 123      | ш        |               | _       | ш.        |                |
| +     | 25       | Н             |            | +        | -        | н                              | $\vdash$ | 75       | -     | -          | -           | +              |            | -             | 124      | $\vdash$ | +             | -       | -         | $\rightarrow$  |
|       | 26       | Н             | +          | -        | -1-      | н                              | $\vdash$ | 76       | Н     | 1+         | +           |                | - 1        | -             | 126      | Н        | +             | +       | $\vdash$  |                |
|       | 27       |               |            |          |          | П                              |          | 77       | _     | $\vdash$   | т           | -              | _          | _             | 127      | +        |               | +       |           |                |
|       | 28       | П             |            | $\Box$   |          |                                |          | 78       |       | ш          | П           |                |            |               | 128      | т        | $\neg$        |         |           |                |
|       | 29<br>30 |               |            | ₩-       | Н.       | н                              | $\vdash$ | 79       |       |            |             | $\Box$         | _          |               | 129      |          | $\Box$        |         |           |                |
|       | 31       | ₩             | +          | -        | -        | н                              | $\vdash$ | 80       | Н-    | -          | $\vdash$    | +              | _          | _             | 130      |          |               | -       |           | -              |
|       | 32       | Ħ             |            | +        | +        | н                              | $\vdash$ | 82       | -     | ++         | Н           | +              | - 1        | $\neg$        | 132      | Н        |               | +       | Н.        | Н              |
| 1:    | 33       |               |            | $\vdash$ | $\vdash$ | Н                              | $\vdash$ | 83       | +     | +          | Н           | +              | - 1        | -             | 133      | +        | ++            | +       |           | +              |
| 1:    | 34       | П             |            |          | 1        |                                |          | 84       |       |            |             |                | -1 i       | 1             | 134      | H        | +             | +       | 1         | -              |
|       | 35       | И             | +          | ш        | 1        | Ш                              |          | 85       |       |            |             |                | _          |               | 135      |          |               | ┰       |           |                |
|       | 36<br>37 | ¥             | +          |          | 1        | Н                              | -        | 86       | ш.    | +          |             | -              | _          | -             | 136      | 7        | П             | Т       |           |                |
| +     | 38       | $\rightarrow$ | +          | НН       | -        |                                | -        | 88       | Н-    |            | ₩           | ++             |            | -             | 137      | -        | ₩.            | +       | $\square$ | 1              |
|       | 99       | -             |            | -        | +        | н                              | $\vdash$ | 89       |       | -          | $\vdash$    | +              | - 1        | $\rightarrow$ | 139      | +        | +             | +       | Н         | +              |
| 1     | 10       | $\neg$        |            | $\Box$   | $\vdash$ | н                              | $\Box$   | 90       | +     | -          |             | +              | -1 l       | -             | 140      | -        | ++            | +       | Н         | +              |
| 14    | 11       |               |            |          |          |                                |          | 91       | -     | $\Box$     | П           | +              | -1 I       | -             | 141      | +        | ++            | +       | Н         | -              |
|       | 12       | -7            | $+$ $\Box$ | $\Box$   |          | D.                             | $\Box$   | 92       |       |            |             | TT             | <b>=</b> 1 |               | 142      | 7        | $\top$        | 1       | 111       | $^{+}$         |
| +5    | 13       | -+            | +          | н        | -        | Н                              | $\vdash$ | 93<br>94 | 4     | +          | П           | $\perp$        | $\exists$  |               | 143      | 7        | П             |         |           | $\blacksquare$ |
|       | 5        | +             | +H         | ++       | -        | Н                              | $\vdash$ | 94       | +     | Н-         | Н           | ++             | 41         |               | 144      |          | +             | +       | 1         | 4              |
|       | 6        | 7             |            | ш        | +        | н                              | $\vdash$ | 96       | +     | ⊢-         | +           | +              | ⊣ ⊦        | -             | 146      | +        | +             | +-      | HH        | +              |
| 14    | 7        | _             |            |          |          | н                              |          | 97       |       | +          | 11          | +              | -1 h       |               | 147      | -        | 11            | +       |           | -              |
|       | 8        |               | $\perp$    |          |          |                                |          | 98       |       |            |             | 77             | -1 t       |               | 148      | +        | +             | 1       | -         | _              |
|       | 9        | 4             | $+\Box$    |          |          |                                | $\Box$   | 99       |       |            |             |                | ⊐ i        |               | 149      |          |               |         | ш         |                |
| 1.5   | 0        |               |            |          |          |                                |          | 100      | - (** |            | 1 1         | T              | 1          |               | 150      | $\neg$   | TT            | $\top$  |           |                |

## . ISSUE SLIP STAPLE AREA (for additional cross references)

| PESITION                  | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION         | T.G.     |        | 4/3/     |
| O.LP.E. CLASSIFIER        |          | 0/1    | 4/26     |
| FORMALITY REVIEW          | 0115     | 954    | 5/24/01  |
| RESPONSE FORMALITY REVIEW | 111      | 1091   | 10-02-01 |

|   |  | IN    | DEX    | OF       | CLA    | UM       | S        |         |     |      |            |               |         |          |          |         |    |   |   |
|---|--|-------|--------|----------|--------|----------|----------|---------|-----|------|------------|---------------|---------|----------|----------|---------|----|---|---|
|   |  | Relec | ted    |          | - 1    | v .      |          |         |     |      | (cn-ti     | lecte         | d       |          |          |         |    |   |   |
|   |  | Allow | ed     |          |        | ï.       |          |         |     |      | nterfe     | ren           | ie.     |          |          |         |    |   |   |
| /                                       |  |       |        |          |        |          |          |         |     |      |            |               |         |          |          |         |    |   |   |
| 2 4                                     | k-1  | Restr | icted  |          |        | 0.       | .,,      |         |     |      | Diect      | ed            |         |          |          |         |    |   |   |
| Sm 3                                    | ,x-  |       |        |          |        |          |          |         |     |      |            |               |         |          |          |         |    |   |   |
| Claim 19 9 0                            | X  | em    |        |          | Date   | _        |          |         | 1   | lair | 1          |               |         | Des      | _        | _       | _  |   | ٦ |
| 1-4514                                  | *  | 1-1   | 1      |          | П      | т        | T        |         | ır  | Т,   | П          | Т             | Т.      | m        | Т        | T       | T  | Т | ٦ |
| 1-181/17/21                             | M  | 1     | 11.    | - 1      | 1 1    | 1        | 1        |         | 1.  |      | 1 1        | ш             | 1       | Н        |          | - 1     | ł  | 1 | 5 |
| 100 S                                   | 3         2  |       | -11    | - 1      | ١.     |          |          | 11      |     | E l  | 51 1       | .1.           | 1       | H        | - 1      | - 1     | 1  | i |   |
| EDWY LAND                               |  | 51    |        |          | $\Box$ | Т        |          | П       | ΙŒ  |      | 21         | I             | $\perp$ |          |          | Т       | Ţ  | Т |   |
| 12.17 8 1                               |  | 52    | П      | Т.       | ТΊ     | $\perp$  | Т        |         |     |      | 2          | _             |         | ш        | _        | $\neg$  | T  | Ι | 7 |
| 311111111                               |  | 53    |        | L.       | ш      | _1       | 1.       | Li.     | iι  |      | 77         |               | _       | ш        | _        |         | _L | : | - |
| 4                                       |  | 54    |        | 1        | П      |          | 1        | ш       | 1   | ,    |            | -4            | 4-      | Ш        | -1       |         | 1  |   | _ |
| 15                                      |  | 55    | ш      | _        | ш      | _        | _        | ш.      | 1 1 |      | 8          | -1            | _       | ш        | _        | _       | -  | 4 | _ |
| 6                                       |  | 50    | -      | 4        | ↤      | -        | +        | ₩-      | 1 1 |      | 067<br>170 | -             | +       | Н        | -        | +       | +  | 4 | _ |
| 7                                       |  | 5.7   | -      | -        | -      | -        | +        |         | 1 H |      | osi i      | -             | +       | $\vdash$ | -        | -       | +  | + | _ |
| 6                                       |  | 24    | -      | +        | +      | +        | +-       | ++-     | ł F |      | 00         | +             |         | Н        | Н        | -       | +  | + | - |
| 2 3                                     |  | 59    | -      | н        | +      | -        | -1-      | ++-     | 4 F |      | 10         | +             | +       | 1        | Н        | +       | +  | + | - |
| 10 /                                    | 11111  | 60    | +      | -        | +      | -        | +        | ++      | 1 F |      | 11         | -             | +       | Н        | Н        | +       | +  | + | - |
| 121111111111111111111111111111111111111 | <del></del>  | 62    | +      | ⊢⊢       | +      | Н        | +        | ++      | 1 1 |      | -          | ~             | +       | Н        | н        | -       | ÷  | + | - |
| 12 11 1                                 | <del></del>  | 63    | +      | +        | +      | Н        | +        | ++      | 1 1 |      | 13         | Н             | +       | ٠        | Н        | rt      | +  | ÷ | - |
| 121111                                  |  | 64    | +      | H        | +      | Н        | -        | ++      | 1 1 |      | 14         | Н             | +       | +-       | -        | rt      | +  | 7 | - |
| 1 52 1/1 1/0/1                          | <del>}                                      </del> | 85    | -      | H        | +      | Н        | +        |         | 1 h |      | 16         | $\overline{}$ | +       | +        | Н        | тt      | +  | 7 | - |
| 50 TV                                   | <del>// / / / /</del>                              | 45    | +      | -        | +      | -        | +        | ++      | 1 1 |      | 16         | 7             | ÷       | +        | Н        | d       | +  | 7 | - |
| 17 1                                    | <del>//                                     </del> | 67    | -      | $\vdash$ | +      | Н        | +        | +       | 1 1 |      | 127        | d             |         | Ť        | Н        | $^{-1}$ | +  | 1 | - |
| 10 11                                   | <del></del>  | 66    | +      | +        | +      | Н        | -+       | ++-     | 1 1 |      | 186        | М             | _       | +        | Н        | a       | ヿ  | 7 | - |
| 10 11                                   | <del>\                                    </del>   | 69    | +      | -+       | +      | Н        | +        | ++      | 1 1 |      | 112        | Н             | -       | +        | Н        | т       | T  | ٦ | ~ |
| 20                                      | <del>                                     </del>   | 70    | н      | ++       | +      | Н        | _        | -       | 1 1 | _    | 20         | Н             | _       | +        | П        | П       | ╗  | _ | - |
| 20                                      | <del>/</del>                                       | 71    | н-     | 11       | +      | Н        | +        | ++      | 11  |      | 121        | Н             | +       | -        | Н        | Н       | Ħ  |   | т |
| 22                                      | <del>                                     </del>   | 72    | 1      | 11       | +      | Н        | +        | ++      | 11  |      | 122        | Н             | -       | 1        | $\vdash$ | П       | П  |   | 1 |
| 20                                      | <del>                                      </del>  | 73    | ++     | +        | +      | Н        | $\vdash$ | -       | 11  |      | 123        | Н             | 1       | 1        |          | П       | ╗  | П | ï |
| 24                                      | <del>                                     </del>   | 76    | ++     | ++       | -      | Н        | $\vdash$ | +       | 1 1 | 7    | 124        |               | т       | $\top$   | г        |         | П  | - | П |
| 18 V 1                                  | <del>                                     </del>   | 75    | ++     | ΗŤ       | -      |          | $\vdash$ | ++      | 11  |      | 125        | П             |         | Т        | $\Box$   |         | ⊐  |   |   |
| MA AND M                                | <del>/                                      </del> | 76    | $^{+}$ | +        | _      |          | т        |         | 7 } |      | 26         | П             | т       | Т        | П        |         | ⊐  |   | _ |
| 271 1                                   |  | 77    | -      | $\vdash$ | -      | т        | П        | $\top$  | 1 1 |      | 27         |               | П       | T.       | Е        |         | П  | _ | - |
| 22 1 11                                 |  | 78    | ш      | П        | -      | т        |          |         | ٦I  |      | 120        |               |         | 1        | L        | ш       | _  | _ | - |
| 1911 111                                |  | 79    |        | П        |        |          |          |         | 3 [ |      | 29         |               |         | +        | 1        | Н       | н  | _ | - |
| 30                                      | 111111111111111111111111111111111111111            | 83    | П      | П        | Т.     | Г.       | П        | TI      | 3 1 |      | 100        |               | 1       | -        | ┺        | Н       | -  | _ | - |
| 31                                      |  | 81    |        | П        | $\Box$ | L        | ш        | ш       | 3 1 | _    | 131        | Ш             | н       | +        | -        | Н       | н  | - | - |
| 32 \                                    |  | 82    |        |          |        | _        | ш        |         | J   |      | 32         | ш             | -       | +        | -        | -       | -  | - | _ |
| 33 ],                                   |  | 83    | ш      | ш        | _      |          | щ        |         | 4 1 | _    | 130        | Н             | -       | +        | ⊢        | Н       | +  | - | - |
| 124 // 1                                |  | 54    | ш      | ш        | _      |          | ш        | $\perp$ | - 1 |      | 134        | Н             | -       | +-       | ì-       | Н       | H  | - | ~ |
| 22//                                    |  | 165   |        | ш        |        | ш        | Ы.       | $\perp$ | - 1 | -    | 133        | Н             | Н.      | +-       | +-       | Н       | -  | - | _ |
|   |  | 87    | 11     | ш        | -      | -        | -        | ++      | - 1 |      | 37         | Н             | +       | +        | ╌        | Н       | H  | - | - |
| 37                                      |  | 8.7   | 1      | +        | -      | Н        | -        | ++      | - 1 |      | 36         | Н             | +       | +        | -        | Н       | П  | - | r |
| 38                                      |  | 89    | Н.     | ₩        | -      | Н        | +        | +       | 4 1 |      | 30         | Н             | -       | +        | -        | Н       | П  | _ | П |
| 36                                      | <del></del>  | 50    | 1      | ₽        | +      | Н        | +        | ++      | -l  |      | 40         | Н             | +       | +        | 1        | Н       | T  |   | ī |
| 40                                      |  |       | Н.     | ₽        | -      | $\vdash$ | $\vdash$ | +       | 4 1 |      | 41         | Н             | +       | +        | $\vdash$ | Н       | 7  | т | 7 |
| 41                                      |  | 91    | ш      | Н        | +      | Н        | Н        | ++      | - 1 |      | 148        | Н             | +       | +        | +        | Н       | 7  | 1 | г |
| 42                                      |  | 10    | ╙      | ₩        | -1-    |          | -        | ++      | 4 1 |      | 43         | Н             | H-      | +        | H        | Н       | П  | _ | _ |
| 43                                      |  | 93    | ₩.     | ₩        |        | Н        | Н        | ++      | 4 1 |      | 44         | Н             | +       | +        | 1        | Н       | 7  | 7 | ~ |
| 44                                      |  | 94    |        | $\sqcup$ | +      | Н        | Н.       | ++      | 4 1 |      | 40         | Н             | +       | +        | Η.       | Н       | 7  | _ | - |
| 45                                      |  | \$5   | ₩      | ₩        | +-     | Н        | Н        | ++      | 4   |      | 140        | Н             | +       | +        | т        | П       | T  |   |   |
| 48                                      | +++++  | 16    | ⊬      | +        | +      | Н        | Н        | ++      | 4 1 |      | 44         | Н             | +       | 1        | П        |         | ⊐  |   | Ζ |
| 47                                      |  | 27    | -      | +        | +      | Н        | +        | ++      | 4 H |      | 44         | Н             | +       | +        |          |         |    |   | Ξ |
|   |  |       |        |          |        |          |          |         |     |      |            |               |         |          |          |         |    |   |   |

if more than 150 claims or 10 actions staple additional sheet here

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